

**A HOT OIL LINE AND AIR BRAKE HOSE
DESIGNED TO BEAT THE HEAT**



**C5CXH HOSE FOR HIGH-TEMP
UNDERHOOD APPLICATIONS**



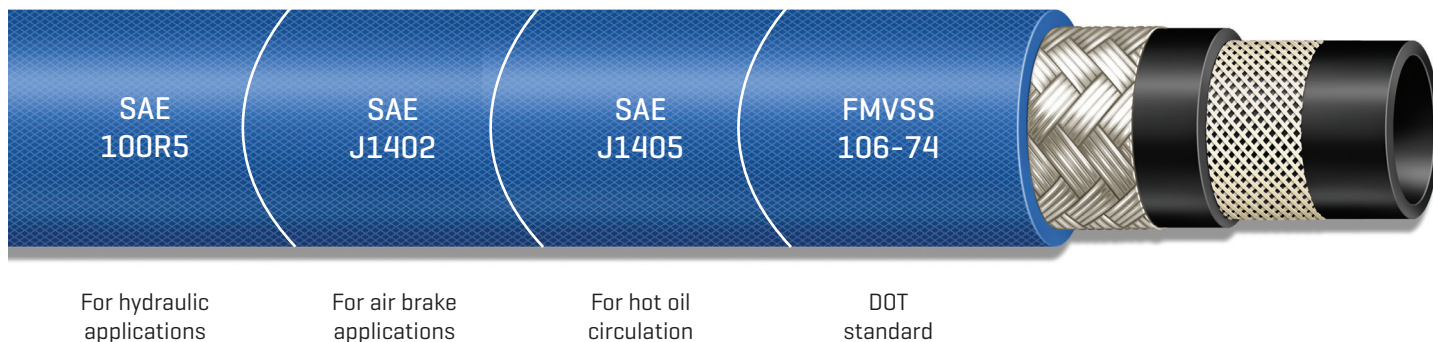
FEELS RIGHT AT HOME IN HOT, CROWDED



Hoses that operate under the hood or chassis of today's trucks, buses and off-highway vehicles face tough conditions. Modern engines pack more punch in a smaller space. That drives operating temperatures higher. Hoses not only must take the heat, but also flex more easily in tight compartments without compromising performance or longevity.

C5CXH medium pressure, multi-purpose hose is equally at home in hot oil line or air brake applications. It's also well-suited for marine applications and for off-road construction and agricultural vehicles.

MEETS OR EXCEEDS ALL STANDARDS AND CERTIFICATIONS



Gates C5CXH hose meets or exceeds 100R5 for hydraulic applications, SAE J1402 for air brake applications, and SAE J1405 for hot oil circulation. It also meets DOT standard FMVSS 106-74.

SPACES

GATES C5CXH XTREME™ HEAT, DUAL-PURPOSE HOSE FOR HOT OIL AND AIR BRAKE LINES

Gates is meeting industry's challenge for a versatile hose that can handle the heat and tight spaces. C5CXH medium pressure, multi-purpose hose is equally at home in hot oil line or air brake applications on trucks and buses. It's also well-suited for marine applications, and for off-road construction and agricultural vehicles. One hose serving dual functions means less inventory and lower carrying costs.

FLEXIBLE IN MORE WAYS THAN ONE

Gates C5CXH provides a minimum bend radius specification that meets or exceeds the SAE standard. That makes for easier installation and routing in crowded engine compartments, reduces the need for bent tube fittings, shortens hose assembly length, and extends hose life in bending, flexing applications. C5CXH is recommended for diesel fuel applications and has passed the tube fuel resistance requirements of SAE J30R2.



The minimum bend radius for Gates C5CXH hose exceeds the SAE standard, offering superior flexibility.



In addition, C5CXH hose can accommodate either field attachable or permanent crimped couplings. The blue polyester/textile cover is resistant to deterioration from oil and mildew for long-lasting life. The hose is compatible with both petroleum and phosphate ester fluids. Consult with Gates Application Engineers for suitable levels of phosphate ester concentration.



Gates C5CXH hose assemblies can use either field attachable or permanent crimped couplings.

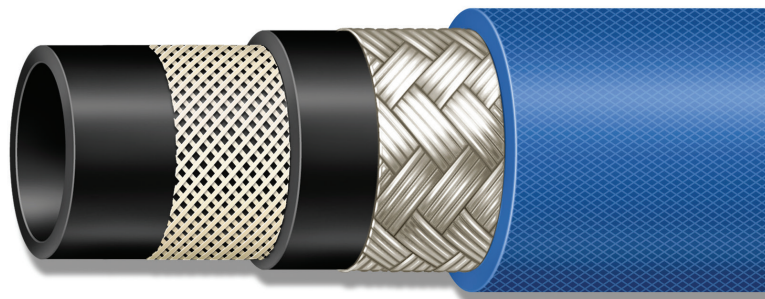
GATES C5CXH XTREME™ HEAT OIL/AIR HOSE

Tube: Black, oil and heat-resistant synthetic polymer [CPE]

Reinforcement: Braided high-tensile wire and textiles

Cover: Blue, oil and mildew-resistant polyester/textile braid

Temperature Range: -40°C to +150°C [-40°F to +302°F]



Recommended Couplings:

- › C5 field attachable couplings for -6, -10, -16, -20
- › C5X field attachable couplings only for -5, -8, -12
- › Crimp options include Gates MegaCrimp® and GlobalSpiral™ couplings [depending on size]

HOSE SPECIFICATIONS

Description	Nominal ID		Nominal OD		Working Pressure		Min. Burst Pressure		Min. Bend Radius		CouplingType*
	In.	mm	In.	mm	psi	Bar	psi	Bar	In.	mm	
5C5CXH	1/4	6.8	0.58	14.7	3,000	207	12,000	827	3.4	86	5C5X,4G
6C5CXH	5/16	8.2	0.67	17.1	2,250	155	9,000	621	4.0	101	65C,5G
8C5CXH	13/32	10.7	0.76	19.4	2,000	138	8,000	552	4.6	116	8C5X,6G
10C5CXH	1/2	13.2	0.92	23.4	1,750	121	7,000	483	5.5	139	10C5,8GS
12C5CXH	5/8	16.4	1.07	27.3	1,500	103	6,000	414	6.5	165	12C5X,10GS
16C5CXH	7/8	22.7	1.23	31.3	800	55	3,200	221	7.4	187	16C5,12G
20C5CXH	1 1/8	29.1	1.49	37.9	625	43	2,500	172	9.0	228	20C5,16G

*See www.gates.com/ecrimp for stem and ferrule information.

HOW TO ORDER

Order all Gates hydraulic hose products and assemblies through your authorised Gates Distributor. For more information on Gates hydraulic hose, contact Gates Customer Service or visit www.gates.com/hydraulics. For in-depth technical support, contact Gates Product Application.

Contact Gates Customer Service: +61 3 9797 9688



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August 2014